DS-MP5604-SD Series Mobile

Key Feature

- User-friendly GUI providing easy and flexible operations.
- Built-in 3G/4G module and Wi-Fi module providing flexible data transmission solutions.
- Built-in GPS module precisely positioning the vehicle via the satellite and recording the location information in the video stream.
- Hikvision private protocol (4000 protocol) and ONVIF supported.
- Access of 4 HD TVI cameras with up to 1080p resolution.
- Access of 1 IP camera with up to 1080p resolution.
- 2 SD cards accessible. Up to 256 GB capacity for each.
- Information collection interfaces collecting driving information such as left/right turn, braking, reversing, etc.
- Specialized aviation connectors ensuring signal stability.
- Shutdown delay (0 h to 6 h) and 24-hour scheduled startup/shutdown.
- Battery protection avoids vehicle from running out of battery.
- Wide-range power input (+9 VDC to +32 VDC).
- Power-off protection prevents key data loss.
- Aluminum die-cast chassis with no fan design well adaptable to working environment.
- Software-based firewall supported.
- Support accessing via WEB browser.

Available Model

DS-MP5604-SD
DS-MP5604-SD/GW, (supports 3G dialing)
DS-MP5604-SD/GW/WI, (supports 3G dialing and 2.4 G Wi-Fi)
DS-MP5604-SD/GW/WI58, (supports 3G dialing and 5.8 G Wi-Fi)
DS-MP5604-SD/GLF, (supports 4G dialing)
DS-MP5604-SD/GLF/WI58, (supports 4G dialing and 5.8 G Wi-Fi)

Specification

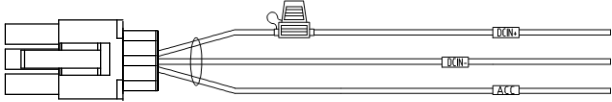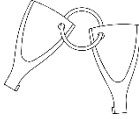| Model		DS-MP5604-SD
Video/Audio Input	Analog Camera	4 analog cameras, up to 1080p resolution
	IP Camera	1 IP camera, up to 1080p resolution
	Two-way Audio	1, integrated in EXT.DEV interface
Video/Audio Output	Video Output	Main output: 1, integrated in EXT.DEV interface
	Audio Output	1
Encoding/Decoding Parameters	Video Compression	H.264/H.265
	Encoding Resolution	Main stream: 1080p/720p/WD1/4CIF Sub-stream: 720P/WD1/4CIF/2CIF/CIF
	Frame Rate	● PAL: 1 to 15 fps@1080P; NTSC: 1 to 15 fps@1080P; ● PAL: 1 to 25 fps@720P; NTSC: 1 to 30 fps@720P
	Audio Compression	G.711/G.722.1
	Stream Type	Video, video & audio
	Audio Bitrate	16 Kbps
	Dual Stream	Supported
Storage	SD Card	2 × SD card, up to 256 GB
Wireless Network	3G/4G Dialing	1 × 3G/4G card slot, 1 × Rosenberger antenna
	Wi-Fi	● WI58 model: 2 × 5.8 G Wi-Fi SMA antenna ● WI model: 1 × 2.4 G Wi-Fi SMA antenna
Positioning	GNSS (Global Navigation Satellite System)	GPS (Global Positioning System) & GLONASS (Global Navigation Satellite System), 1 × Rosenberger antenna
External Interface	Network Interface	1 × 10M/100M M12 6-pin aviation connector
	Serial Port	1 × RS-232, 1 × RS-422 (integrated in EXT.DEV interface)
	USB Interface	1 × USB 2.0
	Sensor-in	4 high/low level signal inputs
	Alarm Input	4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input
	Alarm Output	2 relay signal outputs
General	Operating Method	Mouse, IR remote control, Web control, and touchscreen
	Power Supply	9 to 32 VDC
	Consumption	● Standby: ≤ 0.5 W ● Full load: ≤ 40 W Note: Without peripheral and storage media ≤ 20 W
	Working Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
	Working Humidity	10% to 95%
	Dimension (W × D × H)	184 × 142.6 × 44 mm (7.2 × 5.61 × 1.73 inch)
	Weight (Without Storage Media)	0.8 kg (1.8 lb)

Physical Interface

Front Panel
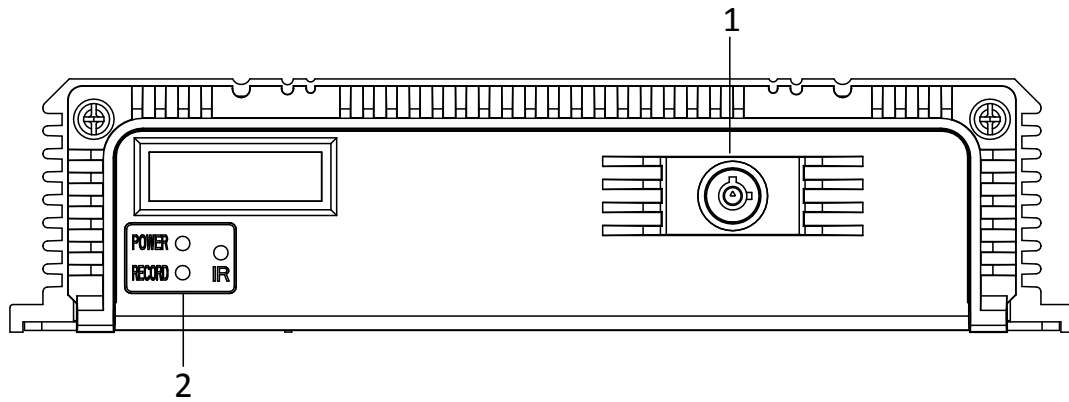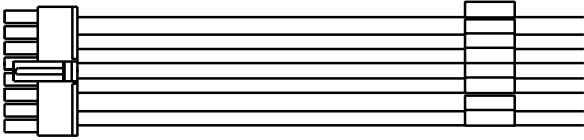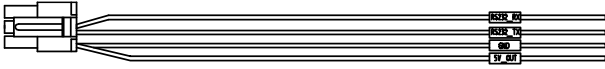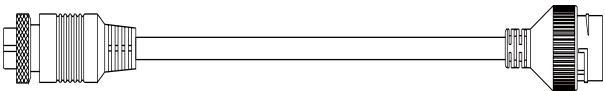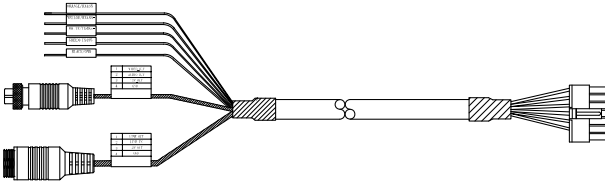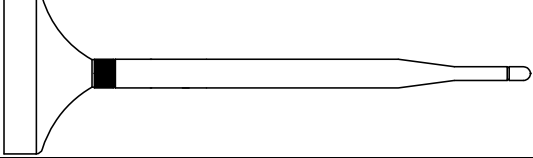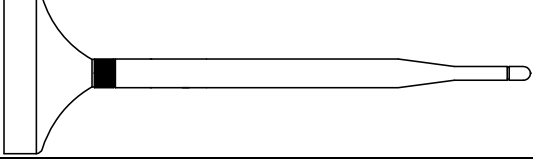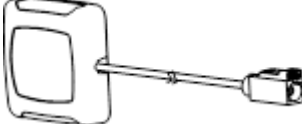
No.	Name	No.	Name
1	Front panel lock	2	PWR: Power indicator
			REC: Record indicator

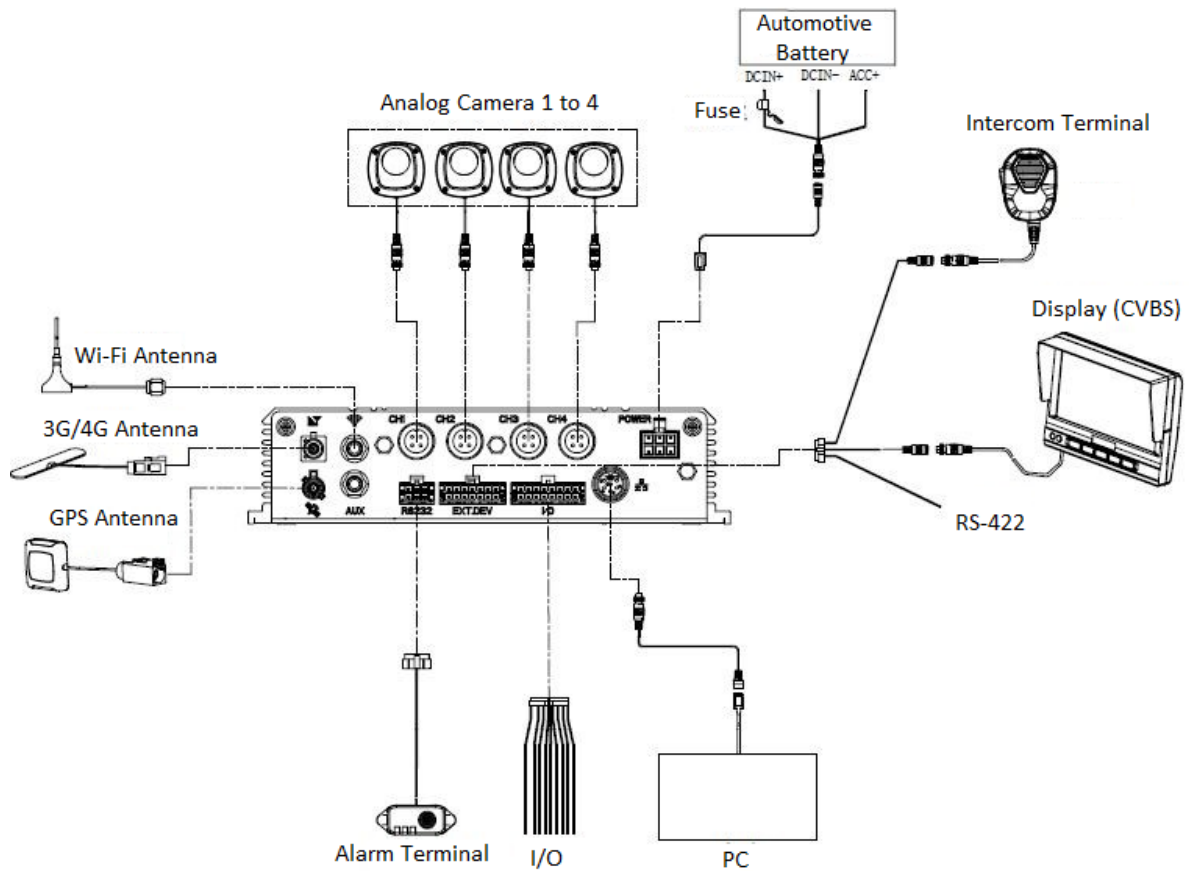**Rear Panel**
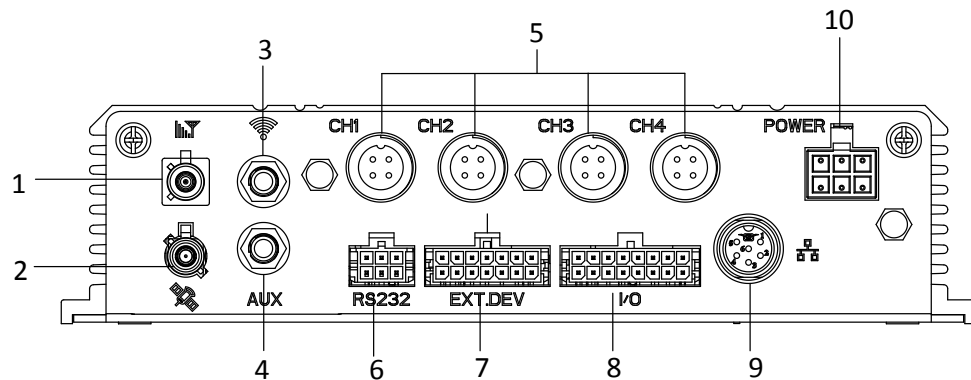
No.	Name	No.	Name
1	3G/4G dialing antenna interface	6	RS-232 interface
2	GNSS antenna interface	7	RS-422 communication interface, two-way audio interface, and CVBS video output
3	Wi-Fi antenna interface	8	Alarm in, alarm out, and sensor-in
4	Auxiliary Wi-Fi antenna interface	9	Network interface
5	Analog camera input	10	Power supply

Packing List

Description	Quantity	Picture	Note
Fuse	1		
Power cord	1		
Key	1		
Alarm line	1		
RS-232 line	1		
Switching line of 6-pin connector to RJ45 interface	1		
Extension cable	1		
3G/4G antenna	1		For GW/GLF model.
Wi-Fi antenna (2.4G)	1		For WI model.
Wi-Fi antenna (5.8G)	2		For WI58 model.
GPS antenna	1		For model with GPS module.

Peripheral Connection

Analog Camera 1 to 4

Automotive Battery
DCIN+   DCIN-   ACC+

Fuse

Intercom Terminal

Display (CVBS)

Wi-Fi Antenna

3G/4G Antenna

GPS Antenna

CH1   CH2   CH3   CH4   POWER

AUX   RS232   EXT.DEV   I/O

RS-422

Alarm Terminal   I/O   PC